IN THE CLAIMS

Claims 1-15 are presented below, with claims 1-15 pending. As shown below, claims 1-15 have been amended.

1. (Currently Amended) A reproducing apparatus comprising:

means for reading a signal written on a recording medium, wherein the signal is encoded using a predetermined encoding procedure;

means for extracting reading signal processing decoding program information written on the recording medium, wherein the signal processing decoding program information includes a decoding program corresponding to said encoding procedure; and includes one or more executable instructions;

means for installing the signal processing program information to a signal processor; and

a signal processor means for processing the encoded signal read from the recording medium based on executing the decoding program one or more executable instructions of included in the installed signal processing decoding program information.

2. (Currently Amended) The reproducing apparatus as set forth in Claim 1, wherein the extracting reading means extracts reads the signal processing decoding program information written on the recording medium repeatedly.

3. (Currently Amended) A reproducing apparatus comprising:

means for reading a signal written on a recording medium, wherein the signal is encoded using a predetermined encoding procedure;

means for reading signal ~~processing~~ decoding program information from means for storing the signal ~~processing~~ decoding program information, wherein the storing means is attached to the recording medium and the signal ~~processing~~ decoding program information includes a decoding program corresponding to said encoding procedure; and ~~one or more executable instructions;~~

~~means for installing the signal processing program information to a signal processor; and~~

a signal processor ~~means~~ for processing the encoded signal read from the recording medium based on executing the decoding program ~~one or more executable instructions of~~ included in the ~~installed~~ signal ~~processing~~ decoding program information.

4. (Currently Amended) A recording apparatus comprising:

means for ~~processing~~ encoding an input signal using a predetermined encoding procedure;

means for generating signal ~~processing~~ decoding program information including a decoding program which inversely processes the ~~processed~~ encoded input signal and corresponds to said encoding procedure, ~~wherein the signal processing program information includes one or more executable instructions~~; and

means for writing to a recording medium the ~~processed~~ encoded input signal and the signal ~~processing~~ decoding program information.

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5. (Currently Amended) The recording apparatus as set forth in Claim 4, wherein the writing means writes the signal ~~processing~~ decoding program information on the recording medium repeatedly.

6. (Currently Amended) A recording apparatus comprising:

means for ~~processing~~ encoding an input signal using a predetermined encoding procedure;

means for generating signal ~~processing~~ decoding program information including a decoding program which inversely processes the ~~processed~~ encoded input signal and corresponds to said encoding procedure, ~~wherein the signal processing program information includes one or more executable instructions~~;

means for writing the ~~processed~~ encoded input signal to a recording medium; and

means for writing the signal ~~processing~~ decoding program information to storing means attached to the recording medium.

7. (Currently Amended) A recording/reproducing apparatus comprising:

~~a first~~ means for ~~processing~~ encoding an input signal using a predetermined encoding procedure;

means for generating signal ~~processing~~ decoding program information including a decoding program which inversely processes the processed input signal and corresponds to said encoding procedure, ~~wherein the signal processing program information includes one or more executable instructions~~;

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means for writing to a recording medium the <u>encoded</u> input signal ~~processed by the first~~

~~signal processing means~~ and the signal ~~processing~~ <u>decoding</u> program information;

means for reading a signal written on ~~the~~ <u>a</u> recording medium<u>, wherein the signal written</u>

<u>on the recording medium is encoded using said encoding procedure</u>;

means for ~~extracting~~ <u>reading</u> ~~the~~ signal ~~processing~~ <u>decoding</u> program information written

on the recording medium <u>from which the encoded signal was read</u>;

~~means for installing the extracted signal processing program information to a signal~~

~~processor; and~~

a <u>signal processor</u> ~~second means~~ for processing the <u>encoded</u> signal read from the

recording medium based on executing the <u>decoding program</u> ~~one or more executable instructions~~

~~of~~ <u>included in</u> the ~~installed~~ <u>read</u> signal ~~processing~~ <u>decoding</u> program information.

8. (Currently Amended) The recording/reproducing apparatus as set forth in Claim 7, wherein

the writing means writes the signal ~~processing~~ <u>decoding</u> program information on the

recording medium repeatedly, and

the ~~extracting~~ <u>reading</u> means ~~extracts~~ <u>reads</u> the signal ~~processing~~ <u>decoding</u> program

information written on the recording medium repeatedly.

9. (Currently Amended) A recording/reproducing apparatus comprising:

~~a first~~ means for ~~processing~~ <u>encoding</u> an input signal <u>using a predetermined encoding</u>

<u>procedure</u>;

means for generating signal ~~processing~~ <u>decoding</u> program information <u>including a</u>

<u>decoding program</u> which inversely processes the ~~processed~~ <u>encoded</u> input signal <u>and corresponds</u>

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to said encoding procedure, wherein the signal processing program information includes one or more executable instructions;

means for writing the encoded input signal processed by the first signal processing means to a recording medium;

means for writing the signal processing decoding program information to storing means attached to the recording medium;

means for reading a signal written on the a recording medium, wherein the signal written on the recording medium is encoded using said encoding procedure;

means for reading the signal processing decoding program information from the storing means attached to the recording medium from which the encoded signal was read; and

means for installing the read signal processing program information to a signal processor; and

a second means signal processor for processing the encoded signal read from the recording medium based on executing the decoding program included in one or more executable instructions of the installed read signal processing decoding program information.

10. (Currently Amended) The reproducing apparatus as set forth in Claim 1, wherein the signal processing decoding program information includes an executable program, and the processing means uses the executable program to process and decode the encoded signal read from the recording medium.

11. (Currently Amended) The reproducing apparatus as set forth in Claim 3, wherein the signal processing decoding program information includes an executable program, and the processing

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means uses the executable program to process and decode the encoded signal read from the recording medium.

12. (Currently Amended) The recording apparatus as set forth in Claim 4, wherein the signal ~~processing~~ decoding program information includes an executable program for processing and decoding the ~~processed~~ encoded input signal after reading the ~~processed~~ encoded input signal from the recording medium.

13. (Currently Amended) The recording apparatus as set forth in Claim 6, wherein the signal ~~processing~~ decoding program information includes an executable program for processing and decoding the ~~processed~~ encoded input signal after reading the ~~processed~~ encoded input signal from the recording medium.

14. (Currently Amended) The recording/reproducing apparatus as set forth in Claim 7, wherein the signal ~~processing~~ decoding program information includes an executable program, and the ~~second processing means~~ signal processor uses the executable program to process and decode the encoded signal read from the recording medium.

15. (Currently Amended) The recording/reproducing apparatus as set forth in Claim 9, wherein the signal ~~processing~~ decoding program information includes an executable program, and the signal processor ~~second processing means~~ uses the executable program to process and decode the encoded signal read from the recording medium.

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